

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

50X1-HUM

This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

C-O-N-F-I-D-E-N-T-I-A-L

50X1-HUM

COUNTRY Rumania

REPORT

SUBJECT Miscellaneous Rumanian
Topographic and Geodetic
Publications, 1953-1959

DATE DISTR. 1 February 1963

NO. PAGES 3

REFERENCES RD

DATE OF
INFO.PLACE &
DATE ACQ.

50X1-HUM

50X1-HUM

THIS IS UNEVALUATED INFORMATION. SOURCE GRADINGS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE

topographical and geodetical publications
Rumanian language

50X1-HUM

C-O-N-F-I-D-E-N-T-I-A-L

5
4
3
2
15
4
3
2
1

STATE	#	X	ARMY	#	X	NAVY	#	X	AIR	#	X	NSA	#	X	OCR	DIA	X	AID

(Note: Washington distribution indicated by "X"; Field distribution by "#".)

GROUP 1
EXCLUDED FROM AUTOMATIC
DOWNGRADING AND
DECLASSIFICATION

INFORMATION REPORT INFORMATION REPORT

50X1-HUM

50X1-HUM

C-O-N-F-I-D-E-N-T-I-A-L

-2-

1. The following are descriptions of certain unclassified Rumanian language topographical and geodetical publications obtained by source in the course of his training and employment in Rumania during the period 1953 to 1959:
 - a. Topographic Bulletin No. 3, published by the military publication organization of the Ministry of Armed Forces of the Rumanian People's Republic, Bucharest, 1959. It contains articles on photogrammetry in the USSR, a formula for conversions to the new geodetic datum, and information on cartographic paper. It also discusses demands placed upon basic topography in industrial construction planning and for social-cultural buildings, and contains data on an aerial photcamera, MRB 21/18, and a stereograph equipped with a then new measuring device.
 - b. Leveling, Triangulation, and Geodesy, Volume I, published by the Geodetic and Topographic Service of the General Directorate of Sovrompetrol, Bucharest, 1953. It was prepared for a specialized course in geodesy and topography held in Bucharest from 1 December 1952 to 1 March 1953. It deals with leveling -- its definitions, scope, and classification. It describes geometric, barometric, nautical, hydrologic, and photogrammetric methods of leveling. It also discusses triangulation and geodetic preparatory work, and astronomic and gravimetric determinations and measurements. The basic astronomic point for Rumania and other triangulation data appear on pages three, four, and five.
 - c. Leveling, Triangulation, and Geodesy, Volume II, published by the Geodetic and Topographic Service of the General Directorate of Sovrompetrol, Bucharest, 1954. It is a continuation of Volume I, and discusses triangulation and geodesy; horizontal angle measurement in topography and in geodesy; angles, and angle calculations. It also contains a biographic list of personalities engaged in geodetic and topographic work. Author: Eng. M. Mihail.
 - d. Geodetic Triangulation Manual of the Fourth Order, published by the Geodetic Section of the Faculty of Highways and Bridges of the Institute of Construction, Bucharest, 1958. It contains basic source material for a course in geodetic triangulation of the fourth order. It gives data and illustrations on the projections presently used in Rumania, transcalculations of geodetic points from one projection plan into another projection plan, linear deformations in projections, and methods of determining geodetic points. It also describes the nomenclature of map sheets at different scales. Author: Prof. J. Klinger.
 - e. Topographic Manual, published by the Faculty of Construction of the Timisoara Politechnical Institute, Timisoara, 1955. It contains basic source material for a course in topography. The study of errors, planimetry, and leveling is discussed. It also includes illustrations of markers and towers, and survey apparatus. Examples given in the manual were obtained from data published in Rumania and the USSR.

50X1-HUM

50X1-HUM

Page Denied